

PATENT

09/234,427

Request to Enter Supplemental Amendment filed September 9, 2002

EXHIBIT D

STATEMENT UNDER 37 CFR 3.73(b)Applicant: Amos Intrater et al.Application No.: 09/234,427Filed: January 20, 1999Entitled: Integrated Digital Signal Processor/General Purpose CPU With Shared Internal MemoryNational Semiconductor Corporation, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 5262, Frame 0743, or for which a copy thereof is attached, and Reel 6184, Frame 0772, or for which a copy thereof is attached.
 OR

B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

8/22/02
Date
SignatureJohn M. Clark, III
Typed or printed nameSr. Vice President, General Counsel
Title

ASSIGNMENT

WHEREAS, WE, AMOS INTRATER, MOSHE DORON, GIDEON INTRATER and LEV EPSTEIN, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: INTEGRATED DIGITAL SIGNAL PROCESSOR/GENERAL PURPOSE CPU WITH SHARED INTERNAL MEMORY

Date of Execution: 2/21, 2/27, 3/4/90 Filing Date: 1/18/90

Serial No.: 467,148

WHEREAS National Semiconductor Corporation, corporation of the State of Delaware, 2000

Semiconductor Drive, Santa Clara, CA 95052-8090 hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to Assignors by Assignee, receipt of which is hereby acknowledged, Assignors has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the dates indicated below.

~~X~~ ~~2~~ B. WATER TUR
AMOTS TREATED

STATE OF Hong Kong COUNTY OF Hong Kong

On this 21st day of February, in the year of 1990, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.

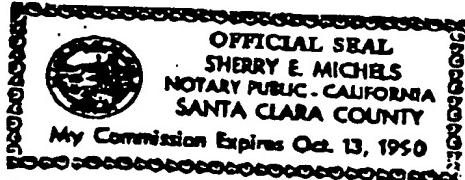
Y.L.
Notary Public
JOHN YEE-MAN LIU
NOTARY PUBLIC
HONG KONG

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the dates indicated below.

13 M. DORON
MOSHE DORON

STATE OF *California*
COUNTY OF *SANTA CLARA* ; ss.

On this 22 day of February, in the year of 1990, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.



Sherry E. Michels
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the dates indicated below.

Gideon Cidon
GIDEON CIDEON

STATE OF *ISRAEL*
COUNTY OF *CITY OF HERZLIYA* ; ss.

On this 4 day of March, in the year of 1990, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.



Shkol
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the dates indicated below.

J. Epstein
LEV EPSTEIN

STATE OF *ISRAEL*
COUNTY OF *CITY OF HERZLIYA* ; ss.

On this 4 day of March, in the year of 1990, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.



J. Kol
Notary Public

Not. No. 1636

RECORDED
PATENT AND TRADEMARK
OFFICE

MAR 15 1990

FILED 29267

COPY



RECEIVED
NSe 6.98
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DATE: 09/01/92

TO:

MICHAEL J. POLLOCK
LIMBACH & LIMBACH
2001 FERRY BUILDING
SAN FRANCISCO, CA 94111

RECEIVED
SEP 22 1992

LIMBACH & LIMBAC

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

1469

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:

DOC DATE: 04/29/92

INTRATER, AMOS

ASSIGNOR:

DOC DATE: 04/29/92

DORON, MOSHE

ASSIGNOR:

DOC DATE: 04/29/92

INTRATER, GIDEON

ASSIGNOR:

DOC DATE: 04/29/92

EPSTEIN, LEV

ASSIGNOR:

DOC DATE: 04/29/92

GREISS, ISRAEL

ASSIGNOR:

DOC DATE: 04/29/92

VALENTATEN, MAURICE

RECORDATION DATE: 07/01/92 NUMBER OF PAGES 004 REEL/FRAME 6184/0772

DIGEST :ASSIGNMENT OF ASSIGNEES INTEREST

ASSIGNEE:

NATIONAL SEMICONDUCTOR CORPORATION
A CORPORATION OF DELAWARE
2900 SEMICONDUCTOR DRIVE, SANTA CLARA, CA 95052-8090

6184/0772 PAGE 0002

SERIAL NUMBER 7-467148 FILING DATE 01/18/90
PATENT NUMBER ISSUE DATE 00/00/00



EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

COPY



PATENT

-1-

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
AMOS INTRATER ET AL.
Serial No. 07/467,148
Filed: January 18, 1990
For: INTEGRATED DIGITAL
SIGNAL
PROCESSOR/GENERAL
PURPOSE CPU WITH
SHARED INTERNAL
MEMORY

Group Art Unit: 2302
Examiner: D. Pan
RECEIVED
JUL 1 1992
TRANSMITTAL OF ASSIGNMENT
2001 Ferry Building
San Francisco, CA 94111
(415) 433-4150

BOX ASSIGNMENT
Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Transmitted herewith is an Assignment for recordation in the above-identified patent application.

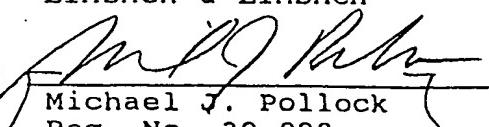
Also enclosed herewith is a check in the amount of \$720.00 of which \$40.00 is to cover the assignment recordation fee.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 12-1420. A duplicate copy of this sheet is enclosed.

Respectfully submitted,
LIMBACH & LIMBACH

Dated: June 29, 1992

By:


Michael J. Pollock
Reg. No. 29,098

Attorneys for applicants
LIMBACH & LIMBACH
2001 Ferry Building
San Francisco, CA 94111

Our Atty. Docket No.: NSC1-11800

070 AA 07/08/92 07467148

1501

Dated:

06-29-92 by [Signature]
LIMBACH & LIMBACH

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, DC 20231-0000.

June 29, 1992

Dated:

06-29-92 by [Signature]
LIMBACH & LIMBACH

ASSIGNMENT

WHEREAS, WE, AMOS INTRATER, MOSHE DORON, GIDEON INTRATER, LEV EPSTEIN, ISRAEL GREISS, and MAURICE VALENTIEN, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: INTEGRATED DIGITAL SIGNAL PROCESSOR/GENERAL PURPOSE CPU WITH SHARED INTERNAL MEMORY

Date of Execution: April 29, 1992 Filing Date: January 18, 1990

Serial No.: 07/467,148

WHEREAS, National Semiconductor Corporation, a corporation of the State of Delaware, 2900 Semiconductor Drive, Santa Clara, CA 95052-8090, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to Assignors by Assignee, receipt of which is hereby acknowledged, Assignors has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the dates indicated below.

A. Intrater
AMOS INTRATER

STATE OF ISRAEL) ss.
COUNTY OF TEL AVIV) ss.

On this 29 day of April, in the year of 1992, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.

S. Kol
Notary Public
Samuel Kol



' IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the dates indicated below.'

STATE OF ISRAEL
COUNTY OF TEL AVIV

On this 29 day of April, in the year of 1992, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.

MOSHE DORON



Notary Public
Samuel Kol

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the dates indicated below.

STATE OF ISRAEL
COUNTY OF TEL AVIV

On this 29 day of April, in the year of 1992, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.



Notary Public
Samuel Kol

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the dates indicated below:

STATE OF ISRAEL ;
COUNTY OF TEL AVIV ; **

On this 29 day of April, in the year of 1992, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.



Notary Public
Samuel Kol

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the dates indicated below.

ISRAEL GREISS

STATE OF **ISRAEL**,
COUNTY OF **TEL AVIV** ss.

On this 29 day of April, in the year of 1992, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.



Notary Public
Samuel Kol

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the dates indicated below.

Maurice Valentaten
MAURICE VALENTATEN

STATE OF **ISRAEL**,
COUNTY OF **TEL AVIV** ss.

On this 29 day of April, in the year of 1992, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.



Notary Public
Samuel Kol

RECORDED
PATENT & TRADEMARK OFFICE

JUL - 1 92